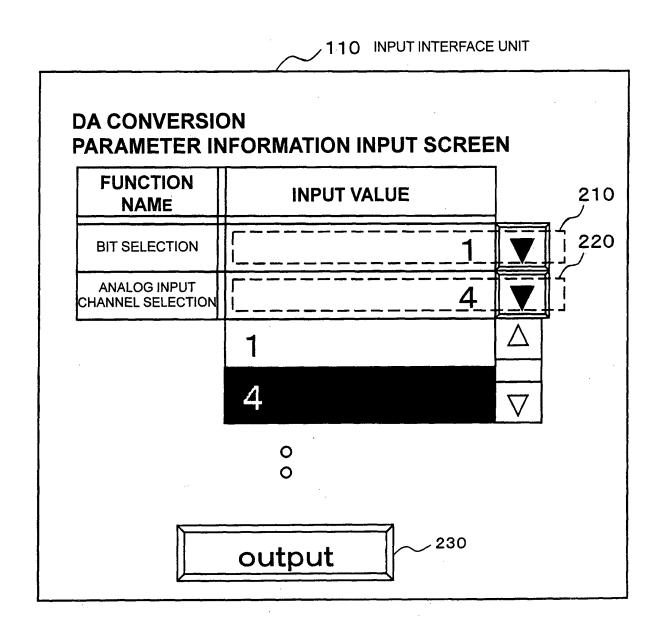
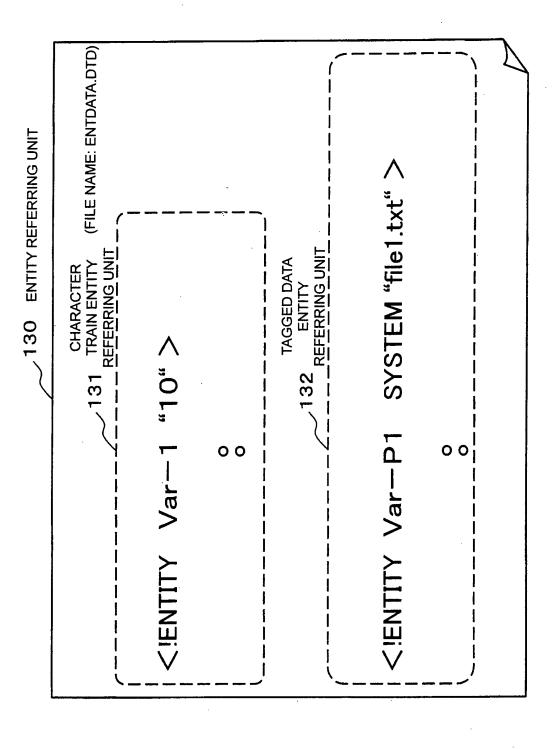
F 1 G. 1



F | G. 3

,120 VARIABLE CONVERTING UNIT

121	— — — <u> </u>		ı-		122	
DEFINITION	10			DEFINITION B	file1.txt	
CONDITIONAL EXPRESSION A	CONDITIONAL EXPRESSION OF VAR-1 WHEN BIT SELECTION = "0" \Rightarrow "8" WHEN BIT SELECTION = "1" \Rightarrow "10"	0		CONDITIONAL EXPRESSION B	CONDITIONAL EXPRESSION OF VAR-P1 WHEN ANALOG INPUT CHANNEL SELECTION = "1" ⇒ "NO DISPLAY" WHEN ANALOG INPUT CHANNEL SELECTION = "4" ⇒ "DISPLAY"	00
VARIABLE	Var-1			VARIABLE B	Var-P1	



151 TEMPLATE/DATABASE PART

```
!DOCTYPE chapter SYSTEM "Main.dtd" [
                     SYSTEM "Entdata.dtd">
<!ENTITY % Entdata</p>
                                                         DTD
%Entdata:
                                                                     520
                                                              TEMPLATE
                              CHARACTER
                                                             DOCUMENTE
                                           CHARACTER
                            TRAIN VARIABLE
                                          TRAIN VARIABLE
                                521
<SECTION>
                                             522
<HEADING> OUTLINE OF D/A CONVERTING FUNCTION </HEADING>
SPARA> THIS LSI HAS A BUILT-IN D/A CONVERTER OF RESOLUTION OF
& VAR-1! BITS.__THE LSI HAS &VAR-2; OUTPUT CHANNELS, AND A DATA REGISTER ,
OF & VAR-1; BITS IS PREPARED. THE LSI HAS, AS D/A CONVERSION MODES,
&VÀR=3:." TVHEN &VAR-4; D/A CONVERTER IS NOT USED, BY TURNING OFF A
BUILT-IN LADDER RESISTOR, CURRENT CONSUMPTION CAN BE SUPPRESSED.
<SECTION>
  <HEADING> LIST OF D/A CONVERSION FUNCTIONS </HEADING>
  <PARA> A LIST OF D/A CONVERSION FUNCTIONS IS SHOWN BELOW. </PARA>
  <TABLE COLSEP = "1" FRAME = "ALL" ROWSEP = "1">
      <TABLETITLE> LIST OF D/A CONVERSION FUNCTIONS </TABLETITLE>
     <tgroup cols = "2" colsep = "1" rowsep = "1" tgroupstyle = "ABC">
      <colspec colname = "1" colnum = "1" colwidth = "2.165in">
      <colspec colname = "2" colnum = "2" colwidth = "3.701in">
      CHARACTER
                                                     TRAIN VARIABLE
       <row rowsep = "1">
         <entry colname = "1"><para> RESØLUTION</para></entry>
          <entry colname = "2"><para>&Var-1; BITS</para></entry>
       </row>
       <row rowsep = "1">
         <entry colname = "1"><para> TERMINAL NAME</para></entry>
         <entry colname = "2"><para>&Var=5; TERMINAL</para></entry>
        </<u>row></u>
                     524 DATA VARIABLE WITH TAG
        &Var-P1:r
        <row rowsep = "0">
         <entry colname = "1"><para> POWER CONSUMPTION FUNCTION</para></entry>
         <entry colname = "2"><para> BUILT-IN LADDER RESISTER CAN BE TURNED ON/OFF
                                                                  </para></entry>
       </row>
      </tgroup>
    </section>
```

F1G. 6

153 DATABASE COMPONENT WITH TAG

```
(FILE NAME: FILE1.TXT) FILE CORRESPONDING TO VAR-P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <entry colname = "1"><para> D/A CONVERSION MODE SELECTION</para></entry
<entry colname = "2"><para> FIXED CONVERSION MODE, 2-CHANEL CONVERSION, 4-CHANNEL
/row>
                                                                                                                                                      <entry colname = "1"><para> D/A CONVERSION CHANNEL MONITOR</para></entry>
                                                                                                                                                                                                                                                                                                                                                              <entry colname = "1"><para> SCAN CLOCK SELECTION</para></entry>
                                                                                                                                                                                                                                                                                                                                                                                                  <entry colname = "2"><para> fs/16, fs/32, fs/64, fs/128</para></entry>
                                                                                                                                                                                       <entry colname = "2"><para> CHANNEL 0 TO CHANNEL 3</para>
                                                                                                           <rb/><re></re>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                \langle row rowsep = "1" \rangle
                                                                                                                                                                                                                                                                                                                 <rb/><re></re>
                                                                                                                                                                                                                                      </entry>
                                                                                                                                                                                                                                                                                                                                                                                                                                            </row>
                                                                                                                                                                                                                                                                                </r>
```

160 MANUAL

1.1 OUTLINE OF D/A CONVERSION FUNCTIONS

ENTITY OF CHARACTER TRAIN VARIABLE

710

_711

ENTITY OF CHARACTER TRAIN VARIABLE

THIS LSI HAS A BUILT-IN D/A CONVERTER OF RESOLUTION OF 10 BITS THE LSI HAS 4 OUTPUT CHANNELS, AND A DATA REGISTER OF 10 BITS IS PREPARED. THE LSI HAS, AS D/A CONVERSION MODES, A CHANNEL FIXED CONVERSION MODE, A 2-CHANNEL FIXED CONVERSION MODE, AND A 4-CHANNEL CONVERSION MODE. IN THE 2-CHANNEL CONVERSION MODE OR 4-CHANNEL CONVERSION MODE, THE CHANNEL CAN BE CHANGED. WHEN D/A CONVERTER IS NOT USED, BY TURNING OFF A BUILT-IN LADDER RESISTOR, CURRENT CONSUMPTION CAN BE SUPPRESSED.

1.1.1 LIST OF D/A CONVERSION FUNCTIONS

A LIST OF D/A CONVERSION FUNCTIONS IS SHOWN BELOW.

712

ENTITY OF CHARACTER TRAIN VARIABLE

	-63				
RESOLUTION	10 BITS				
TERMINAL NAME	DADR31 TO DADR00 TERMINALS				
D/A CONVERSION CHANNEL MONITOR	CHANNELS 0 TO 3				
SCAN CLOCK SELECTION	fs/16, fs/32, fs/64, fs/128				
D/A CONVERSION MODE SELECTION	FIXED CONVERSION MODE, 2-CHANNEL CONVERSION, 4-CHANNEL CONVERSION				
POWER CONSUMPTION FUNCTION	BUILT-IN LADDER RESISTER CAN BE TURNED ON/OFF				

720

ENTITY OF DATA VARIABLE WITH TAG

